

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A metal laminate comprising between two outer metal sheets an adhesive polymer layer, characterized in that the adhesive polymer layer comprises polyamide, a copolymer of ethylene and an unsaturated carboxylic acid and/or a derivative thereof and a reactive copolymer.

2. (original): A metal laminate according to claim 1, wherein the copolymer of ethylene and an unsaturated carboxylic acid and/or a derivative thereof is a grafted polyethylene.

3. (currently amended): Metal laminate according to claim 1, wherein the surface dimensions of the first outer metal sheet is greater than the surface dimensions of the second outer metal sheet.

4. (currently amended): Metal laminate according to claim 1, wherein the outer metal sheets are made of steel or aluminium.

5. (previously presented): Metal laminate according to claim 1, wherein the polyamide comprises polyamide 6.

6. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises 20 to 95% in weight of polyamide.

7. (original): Metal laminate according to claim 6, wherein the adhesive polymer layer comprises 45 to 65% in weight of polyamide.

8. (previously presented): Metal laminate according to claim 1, wherein the copolymer of ethylene and an unsaturated carboxylic acid is a copolymer of ethylene and an unsaturated carboxylic acid containing 1 to 6 carboxylic groups and/or the derivative thereof.

9. (original): Metal laminate according to claim 8, wherein the polyethylene is grafted with maleic acid and/or a derivative thereof.

10. (original): Metal laminate according to claim 9, wherein the polyethylene is grafted with maleic acid anhydride.

11. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises 5 to 80 % in weight of grafted polyethylene.

12. (original): Metal laminate according to claim 11, wherein the adhesive polymer layer comprises 30 to 50 % in weight of grafted polyethylene.

13. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises non linear grafted polyethylene.

14. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises a polyamide continuous phase.

15. (previously presented): Metal laminate according to claim 1, wherein the reactive copolymer is a copolymer of styrene and an unsaturated carboxylic acid and/or a derivative thereof.

16. (original): Metal laminate according to claim 15, wherein the reactive copolymer comprises a styrene- maleic acid anhydride copolymer.

17. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises 0.5 to 10 % in weight of a reactive copolymer.

18. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer further comprises an epoxy resin.

19. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer further comprises a flame retardant agent.

20. (previously presented): Metal laminate according to claim 1, wherein the adhesive polymer layer comprises an intermediate layer of a different polymer.

21. (previously presented): Process for the manufacture of a metal laminate according to claim 1 comprising the steps consisting in :

- a. Providing a first and a second metal sheet;
- b. Applying a polymer composition comprising polyamide, grafted polyethylene and a reactive copolymer onto the first metal sheet;
- c. Applying the second metal sheet onto the polymer layer applied onto the first metal sheet to obtain a metal laminate; and
- d. Heating the metal laminate to complete the adhesion.

22. (original): Process according to claim 21, wherein the polymer composition is previously extruded to form a polymer film.

23. (original): Process according to claim 21, wherein the polymer film is directly extruded onto the first metal sheet.

24. (currently amended): Use of A method of manufacture of an automotive body part comprising molding the metal laminate according to claims claim 1 for the manufacture of automotive body parts.